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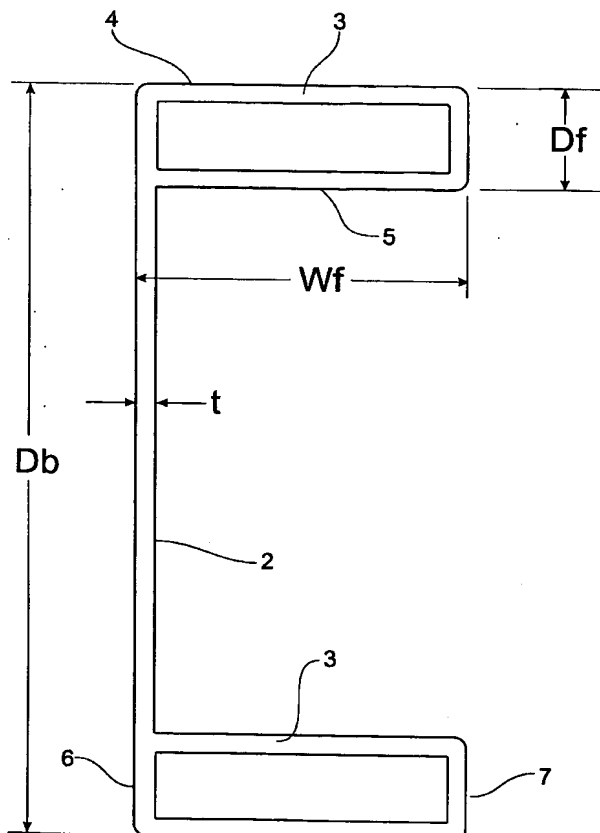
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(54) Title: AN IMPROVED BEAM



(57) Abstract: A hollow flange channel beam has a planar  
web with a pair of narrow rectangular cross-section flanges  
extending along opposite sides of said web and extending  
perpendicular to a face of said web in the same direction.  
The section is optimised when  $Wf=(0.3)Db$ ,  $Wf=(3.0)Df$  and  
 $WF=(30)t$ .



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